

70. (Amended) An intravascular tissue expanding catheter, comprising:

a catheter shaft formed of braided material, wherein the catheter shaft comprises at least one conduit extending along a longitudinal axis of the catheter shaft;

a housing formed at a distal end of the catheter shaft, wherein the housing includes two deflecting members that each comprise a free distal tip that moves in a lateral direction away from the longitudinal axis of the catheter shaft to expand intravascular tissue; and

an actuation assembly that moves the distal tips of the two deflecting members away from the longitudinal axis of the catheter shaft.

84. (Amended) A catheter for use in vasculature, comprising:

a catheter body comprising at least one conduit extending through the catheter body;

two tissue expanding members coupled to a distal section of the catheter body, wherein each of the two tissue expanding members includes a proximal portion and a distal portion, and wherein the distal portion is free to move away from a longitudinal axis of the catheter body relative to the proximal portion; and

an actuation assembly within the catheter body such that when the actuation assembly contacts the two tissue expanding members, the distal portions of the expanding members move away from the longitudinal axis.

92. (New) An intravascular catheter, comprising:

a catheter shaft including a distal end and a longitudinal axis having at least one lumen extending along the longitudinal axis of the catheter shaft;

an assembly at the distal end of the catheter shaft including two deflecting members each defined by a free distal tip that moves in a lateral direction away from the longitudinal axis of the catheter shaft to expand vascular tissue, wherein the two deflecting members are hinged to the catheter shaft; and

an actuating assembly positioned along the catheter shaft, the proximal movement of which moves the distal tip of the two deflecting members away from the longitudinal axis of the catheter shaft.